

**ABSTRACT**

A medical decision support system including a computer and a computer program product arranged to provide data derived from examination of digital images of a tissue specimen according to predetermined criteria for histopathological analysis, and a method for assisting in obtaining a pathological diagnosis from a plurality of pictures representing a specimen on a slide, the method including obtaining digitized data corresponding to images of a specimen on a slide placed under a microscope; processing the images; examining the images in accordance with predetermined histopathological criteria; and providing an examination report based on the examination.

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